

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				<div style="text-align: right; font-size: small;">Complete if Known</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/663,935</td> </tr> <tr> <td>Filing Date</td> <td>September 16, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>El Gamal <i>et al.</i></td> </tr> <tr> <td>Art Unit</td> <td>2886</td> </tr> <tr> <td>Examiner Name</td> <td>Hoa Q. Pham</td> </tr> </table>		Application Number	10/663,935	Filing Date	September 16, 2003	First Named Inventor	El Gamal <i>et al.</i>	Art Unit	2886	Examiner Name	Hoa Q. Pham
Application Number	10/663,935														
Filing Date	September 16, 2003														
First Named Inventor	El Gamal <i>et al.</i>														
Art Unit	2886														
Examiner Name	Hoa Q. Pham														
Sheet	1	of	8	Attorney Docket No.: STFD.039PA											

US PATENT DOCUMENTS					
Examiner Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Filing Date If Appropriate
		6096496	08/01/2000	Frankel, R. D., et al.	
		6646243	11/11/2003	Pirrung, M. C., et al.	
		US2003/0108867	06/12/2003	Chee	
		5843767	12/01/1998	Beattie	
		US2002/0102578	08/01/2002	Dickinson	
		6274320	08/14/2001	Rothberg et al.	
		5807522	09/15/1998	Brown et al.	
		6045996	04/04/2000	Cronin et al.	
		6600031	07/29/2003	Fodor et al.	
		6686150	02/03/2004	Blackburn et al.	
		US2003/0162217	08/28/2003	Rothberg et al.	
		4971903	11/20/1990	Hyman, Edward et al.	
		6210891	04/03/2001	Nyren et al.	
		6258568	07/10/2001	Nyren	
		6828100	12/07/2004	Ronaghi	
		US2003/0157499	08/21/2003	Lundeberg et al.	
		5902723	05/11/1999	Dower et al.	
		5547839	08/20/1996	Dower et al.	
		US2001/0055801	12/27/2001	Chen et al.	
		5605662	02/25/1967	Heller et al.	
		5824477	10/20/1998	Stanley	
		5849486	12/15/1998	Heller et al.	
		6099803	08/08/2000	Ackley et al.	
		6841128	01/11/2005	Kambara et al.	
		7163822	01/16/2007	Yazawa et al.	
		7323305	01/29/2008	Leamon et al.	
		US2003/0235924	12/25/2003	Adams et al.	
		US2003/068629	04/10/2003	Rothberg et al.	
		US2004/0197793	10/07/2004	Hassibi et al.	
		US2005/0130173	06/16/2005	Leamon et al.	
		6416952	07/09/2002	Pirrung, M. C., et al.	
		6544739	04/08/2003	Fodor, S. P., et al.	
		6576424	06/10/2003	Fodor, S. P., et al.	
		5866321	02/02/1999	Matsue, Tomokazu et al.	
		4822746	04/18/1989	Walt	

EXAMINER

DATE CONSIDERED

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				<div style="text-align: right; font-size: small;">Complete if Known</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/663,935</td> </tr> <tr> <td>Filing Date</td> <td>September 16, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>El Gamal <i>et al.</i></td> </tr> <tr> <td>Art Unit</td> <td>2886</td> </tr> <tr> <td>Examiner Name</td> <td>Hoa Q. Pham</td> </tr> </table>		Application Number	10/663,935	Filing Date	September 16, 2003	First Named Inventor	El Gamal <i>et al.</i>	Art Unit	2886	Examiner Name	Hoa Q. Pham
Application Number	10/663,935														
Filing Date	September 16, 2003														
First Named Inventor	El Gamal <i>et al.</i>														
Art Unit	2886														
Examiner Name	Hoa Q. Pham														
Sheet	2	of	8	Attorney Docket No.: STFD.039PA											

US PATENT DOCUMENTS					
Examiner Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Filing Date If Appropriate
		5105305	04/14/1992	Betzig et al.	
		5114864	05/19/1992	Walt	
		5143853	09/01/1992	Walt	
		5244636	09/14/1993	Walt et al.	
		5244813	09/14/1993	Walt et al.	
		5250264	10/05/1993	Walt et al.	
		5252494	10/12/1993	Walt	
		5254477	10/19/1993	Walt et al.	
		5298741	03/29/1994	Walt et al.	
		5320814	06/14/1994	Walt et al.	
		5357590	10/18/1994	Auracher	
		5481629	01/02/1996	Tabuchi	
		5494798	02/27/1996	Gerdt et al.	
		5496997	03/05/1996	Pope	
		5512490	04/30/1996	Walt et al.	
		5575849	11/19/1996	Honda et al.	
		5633972	05/27/1997	Walt et al.	
		5639603	06/17/1997	Dower et al.	
		6597000	07/22/2003	Stern	
		6650411	11/18/2003	Odoy et al.	
		5814524	10/29/1998	Walt	
		5795716	08/18/1998	Chee et al.	
		5840256	11/24/1998	Demers et al.	
		5854684	12/29/1998	Stabile et al.	
		5863708	01/29/1999	Zanzucchi et al.	
		5900481	05/04/1999	Lough et al.	
		6023540	02/08/2000	Walt et al.	
		6051380	04/18/2000	Sosnowski et al.	
		6200737	03/13/2001	Walt et al.	
		6210910	04/03/2001	Walt et al.	
		6327410	12/04/2001	Walt et al.	
		6429027	08/06/2002	Chee et al.	
		6544732	04/08/2003	Chee et al.	
		6482593	11/19/2002	Walt et al.	
		US2001/0029049	10/11/2001	Walt et al.	

EXAMINER

DATE CONSIDERED

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				<i>Complete if Known</i> Application Number 10/663,935 Filing Date September 16, 2003 First Named Inventor El Gamal <i>et al.</i> Art Unit 2886 Examiner Name Hoa Q. Pham	
Sheet	3	of	8	Attorney Docket No.: STFD.039PA	

US PATENT DOCUMENTS					
Examiner Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Filing Date If Appropriate
		US2002/0132221	09/19/2002	Chee et al.	
		4499052	02/12/1985	Fulwyler	
		6287776	09/11/2001	Hefti	
		5571639	11/05/1996	Hubbell et al.	
		6124102	09/26/2000	Fodor et al.	
		6399365	06/04/2002	Besemer et al.	
		6491871	12/10/2002	Fodor et al.	
		6610482	08/26/2003	Fodor et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of cited Document	T ²
		WO 98/40726	09/17/1998	Trustees of Tufts College,	
		WO 98/50782	11/12/1998	Trustees of Tufts College,	
		WO 00/63437	10/26/2000	Illumina, Inc., , et al.	
		WO 97/40385	10/30/1997	Seul, Michael	
		WO 98/13523	04/02/1998	Pyrosequencing AB,	
		WO 98/53093	11/26/1998	Bioarray Solutions, LLC.,	
		WO 99/18434	04/15/1999	Trustees of Tufts College,	
		WO 99/67641	12/29/1999	Illumina, Inc,	
		WO 00/13004	03/09/2000	Trustees of Tufts College,	
		WO 00/16101	03/23/2000	Trustees of Tufts College,	
		WO 00/39587	07/06/2000	Illumina, Inc.,	
		WO 00/47996	08/17/2000	Illumina, Inc,	
		WO 00/48000	08/17/2000	Illumina, Inc,	
		WO 00/71243	11/30/2000	Illumina, Inc,	
		WO 00/71992	11/30/2000	Illumina, Inc,	
		WO 00/71995	11/30/2000	Illumina, Inc,	
		WO 00/75373	12/14/2000	Illumina, Inc,	
		EP 0 478 319	04/10/1992	Tokyo Shibaura Electric Co.,	
		WO 01/06012	01/25/2001	Englert, David F.	
		EP 0 799 897	11/12/1998	Affymetrix, Inc,	
		WO 02/12897	02/14/2002	Illumina,	
		WO 99/45357	09/10/1999	Trustees of Tufts College,	
		WO 93/23564	11/25/1993	Cemubioteknik AB,	

EXAMINER

DATE CONSIDERED

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	10/663,935
				Filing Date	September 16, 2003
				First Named Inventor	El Gamal <i>et al.</i>
				Art Unit	2886
				Examiner Name	Hoa Q. Pham
Sheet	4	of	8	Attorney Docket No.: STFD.039PA	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of cited Document	T ²
		WO 00/56934	09/28/2000	Englert et al.	
		WO 00/09738	02/24/2000	Woodward et al.	
		WO 98/28440	07/02/1998	Nyren	
		EP 1 309 729	12/22/2004	Giesing et al.	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
		ABEL, "Fiber-Optic Evanescent Wave Biosensor for the Detection of Oligonucleotides", <u>Analytical Chemistry</u> , vol 68, Sep 1996,(1996),2905-2912		
		BARNARD, "A Fibre-Optic Chemical Sensor with Discrete Sensing Sites", <u>Nature</u> , vol 353, (September 1991),338-340		
		WALT, "Fiber-Optic Sensors for Continuous Clinical Monitoring", <u>Proc. IEEE</u> , 80(6), (1992),903-911		
		WALT, "Fiber-Optic Imaging Sensors", <u>Accounts of Chemical Research</u> , 31(5), (1998),267-278		
		WALT, et al., "Design, Preparation, and Applications of Fiber-Optic Chemical Sensors for Continuous Monitoring", <u>Fiber Optic Chemical Sensors, Chemical Sensors and Microinstrumentation</u> , (1989),252-272 (no copy available)		
		STRACHAN, "A Rapid General Method for the IDentification of PCR Products Using a Fibre-Optic Biosensor and its Application to the Detection of Listeria", <u>Letters in Applied Microbiology</u> , 21, Vol 21. No. 1 (Jul 1995),,(1995),5-9		
		SMITH, et al., "Fluorescence detection in automated DNA sequence analysis", <u>Nature</u> , 321, (1986),674-679		
		BUTTE, "The Use and Analysis of Microarray Data", <u>Nature Reviews Drug Discovery</u> , 1, (2002),951-960		
		CUNIN, "Biomolecular screening with encoded porous-silicon photonic crystals", <u>Nature Materials</u> , 1, (2002),39-41		
		ZHUJUN, et al., "A Fluorescence Sensor for Quantifying pH in the Range from 6.5 to 8.5", <u>Analytica Chimica Acta</u> Vol 160, (1984),47-55 Use		
		PETERSON, et al., "Fiber-Optic Sensors for Biomedical Applications", <u>Science</u> , Vol. 13., (1984), Apr,(1984),123-127 Use		
		PETERSON, J I., et al., "Fiber Optic pH Probe for Physiological Use.", <u>Analytical Chemistry</u> , v52.,no.6. May, (1980),864-869 Use		
		HEALEY, B. G., et al., "Fiber Optic DNA Sensory Array Capable of Detecting Point Mutations", <u>Analytical Biochemistry</u> , v. 251.. no.2., (1997),270-279 use		

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Application Number</td> <td>10/663,935</td> </tr> <tr> <td>Filing Date</td> <td>September 16, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>El Gamal <i>et al.</i></td> </tr> <tr> <td>Art Unit</td> <td>2886</td> </tr> <tr> <td>Examiner Name</td> <td>Hoa Q. Pham</td> </tr> </table>		Application Number	10/663,935	Filing Date	September 16, 2003	First Named Inventor	El Gamal <i>et al.</i>	Art Unit	2886	Examiner Name	Hoa Q. Pham
Application Number	10/663,935														
Filing Date	September 16, 2003														
First Named Inventor	El Gamal <i>et al.</i>														
Art Unit	2886														
Examiner Name	Hoa Q. Pham														
Sheet	5	of	8	Attorney Docket No.: STFD.039PA											

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		MUNKHOLM, C. et al., "Polymer modification of fiber optical imaging fibers", <u>Analytical Chemistry</u> Vol 58 June. 1986, Vol 58 No. 7., (1986), 1427-1430 Use	
		PEASE, et al., "Light-generated oligonucleotide array for rapid DNA sequence analysis", <u>Proc. Natl. Acad. Sci.</u> , 1994. p5502-5026, Vol 91, Issue 11, USA, (1994), 5502-5026	
		STIMPSON, et al., "Real-time detection of DNA hybridization and melting on oligonucleotide arrays on glass supports", <u>Nucleic Acids Res.</u> , 1994, p5456-5465, Vol 22, Oxford, England., (1994), 5456-5465	
		AHMADIAN, et al., <u>Biotechniques</u> . (2000) Jan ;28(1) 140-4, 146-7, (01/2000), 140-144, 146-147	
		BARSHOP, et al., "Luminescent immobilized enzyme test systems for inorganic pyrophosphate: assays using firefly luciferase and nicotinamide-monomonucleotide adenylyl transferase or adenosine-5'-triphosphate sulfurylase", <u>Anal. Biochem.</u> 197(1) 266-272 (1991), (1991), 166-272	
		COOK, et al., "A rapid Enzymatic Assay for Measurement of Inorganic Pyrophosphate in Animal Tissues", <u>Anal. Biochem.</u> 91:557 (1978), (1978), 557	
		DRAKE, H. L., et al., "A new, convenient method for the rapid analysis of inorganic pyrophosphate", <u>Anal. Biochem.</u> 94:117 (1979), (1979), 117	
		JOHNSON, et al., "An Enzymatic method for determination of inorganic pyrophosphate and its use as an assay for RNA polymerase", <u>Anal. Biochem.</u> 26:137 (1968), (1968), 137	
		JUSTESEN, et al., "Spectrophotometric Pyrophosphate Assay of 2', 5'-Oligoadenylate Synthetase", <u>Anal. Biochem.</u> 207 (1):90-93 (1992), (1992), 90-93	
		KARAMOHAMED AND NYREN, et al., "Real-Time detection and quantification of adenosine triphosphate sulfurylase activity by a bioluminometric approach", <u>Anal. Biochem.</u> 271:81-85 (1999), (1999), 81-85	
		LUST, et al., "A rapid enzymatic assay for measurement of inorganic pyrophosphate in biological samples", <u>Clin. Chem. Acta</u> 66 (2):241 (1976), (1976), 241	
		NYREN, et al., "Detection of Single-Base Changes Using a Bioluminometric Primer Extension Assay", <u>Anal. Biochem.</u> 1997 Jan 15; 244 (2) 367-73., (1997), 367-73	
		NYREN, "Apyrase Immobilized on Paramagnetic Beads Used to Improve Detection Limits in Bioluminometric ATP monitoring", <u>J. Biolumin Chemilumin.</u> 1994 Jan-Feb; 9 (1):29-34, (1994), 29-34	

EXAMINER

DATE CONSIDERED

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/663,935</td> </tr> <tr> <td>Filing Date</td> <td>September 16, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>El Gamal <i>et al.</i></td> </tr> <tr> <td>Art Unit</td> <td>2886</td> </tr> <tr> <td>Examiner Name</td> <td>Hoa Q. Pham</td> </tr> </table>		Application Number	10/663,935	Filing Date	September 16, 2003	First Named Inventor	El Gamal <i>et al.</i>	Art Unit	2886	Examiner Name	Hoa Q. Pham
Application Number	10/663,935														
Filing Date	September 16, 2003														
First Named Inventor	El Gamal <i>et al.</i>														
Art Unit	2886														
Examiner Name	Hoa Q. Pham														
Sheet	6	of	8	Attorney Docket No.: STFD.039PA											

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		NYREN, et al., "Solid Phase DNA Minisequencing by an Enzymatic Luminometric Inorganic Pyrophosphate Detection Assay", <u>Anal Biochem.</u> 1993 Jan; 208 (1):171-5, (1993),171-175	
		NYREN, P et al., "Enzymatic method for continuous monitoring of inorganic pyrophosphate synthesis", <u>Anal. Biochem.</u> 151:504 -509(1985), (1985),504-509	
		RONAGHI, et al., "Analyses of Secondary Structures in DNA by Pyrosequencing", <u>Anal. Biochem.</u> 1999 Feb 1;267 (1):65-71, (02/01/1999),65-71	
		RONAGHI, M et al., "Real-time DNA sequencing using detection of pyrophosphate release", <u>Anal. Biochem.</u> 1996 Nov 1; 242 (1):84-9, (11/01/1996),84-89	
		WALT, D "Bead Based Fiber-Optic Arrays", <u>Science.</u> 287 :451-452 (1999), (1999),451-452	
		SABANAYAGAM, et al., "Molecular DNA Switches and DNA chips", <u>SPIE:Progress in Biomedical Optics</u> , January 1999 pp 90-97, vol.3606, (1999),90-97	
		KOSTER, H et al., "A strategy for rapid and efficient DNA sequencing by mass spectrometry", <u>Nature Biotechnology</u> , Sept 1996, pp1123-1128, Vol 14., (1996),1123-1128	
		HYMAN, E D., "A new method of sequencing DNA", <u>Anal. Biochem.</u> 1988, pp 423-436, Vol 174, (1988),423-436	
		JOHNSON, K. A., et al., "Continuous assay for DNA polymerization by light scattering", <u>Anal. Biochem.</u> , 1984, pp.192-194, Vol 136., (1984),192-194	
		CHEE, M et al., "Enzymatic multiplex DNA sequencing", <u>Nucl. Acid Res.</u> , 1991, pp. 3301-3305, Vol 19, No. 12., (1991),3301-3305	
		REEVES, R. E., et al., "Enzymic assay method for inorganic pyrophosphate", <u>Anal. Biochem.</u> 1969, pp. 282-287, Vol 28., (1969),282-287	
		BARSHOP, B. A., et al., "Luminescent Immobilized enzyme test systems for inorganic pyrophosphate: assays using firefly luciferase and nicotinamide-monomonucleotide adenylyl transferase or adenosine-5'-triphosphate sulfurylase", <u>Anal. Biochem.</u> , 1991, pp 266-272, Vol. 197, (1991),266-272	
		MARGULIES, MARCEL et al., "Genome Sequencing in microfabricated high-density picolitre reactors", <u>Nature</u> , Vol 437 No. 7057,(07/31/2005),376-380	
		DICKINSON, et al., "Generating Sensor Diversity Through Combinatorial Polymer Synthesis", <u>Analytical Chemistry</u> , vol 69(17), (1997),97-107	

EXAMINER

DATE CONSIDERED

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Application Number</td> <td>10/663,935</td> </tr> <tr> <td>Filing Date</td> <td>September 16, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>El Gamal <i>et al.</i></td> </tr> <tr> <td>Art Unit</td> <td>2886</td> </tr> <tr> <td>Examiner Name</td> <td>Hoa Q. Pham</td> </tr> </table>		Application Number	10/663,935	Filing Date	September 16, 2003	First Named Inventor	El Gamal <i>et al.</i>	Art Unit	2886	Examiner Name	Hoa Q. Pham
Application Number	10/663,935														
Filing Date	September 16, 2003														
First Named Inventor	El Gamal <i>et al.</i>														
Art Unit	2886														
Examiner Name	Hoa Q. Pham														
Sheet	7	of	8	Attorney Docket No.: STFD.039PA											

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		FERGUSON, J A., et al., "A Fiber-Optic DNA Biosensor Microarray for the Analysis of Gene Expression", <u>Nature Biotechnol.</u> vol 14 (1996), (1996),1681-1684	
		FODOR, "Light-Directed, Spatially Addressable Parallel Chemical Synthesis", <u>Science</u> , vol 251, (1991),767-773	
		FUH, "Single Fibre Optic Fluorescence pH Probe", <u>Analyst</u> , vol 112, (1987),1159-1163	
		HEALEY, "Improved Fiber-Optic Chemical Sensor for Penicillin", <u>Analytical Chemistry</u> , vol 67(24), (12/15/1995),4471-4476	
		HIRSCHFELD, "Laser-Fiber-Optic "Optrode" for Real Time In Vivo Blood Carbon Dioxide Level Monitoring", <u>Journal of Lightwave Technology</u> , vol LT-5(7), (1987),1027-1033	
		LIPPITSCH, et al., "Fibre-Optic Oxygen Sensor with the Fluorescence Decay Time as the Information Carrier", <u>Analytical Chemistry Acta</u> , vol 205, (1998),1-6	
		LUBBERS, et al., "Optical Fluorescence Senosrs for Continuous Measurement of Chemical Concentrations if Biological Systems", <u>Sens. Actuators</u> , vol 4, (1983),641-654	
		MICHAEL, "Fabrication of Micro- and Nanostructures Using Optical Imaging Fibers and Their Use as Chemical Sensors", <u>Proc. 3rd Intl Symp. Microstructures and Microfabricated Systems</u> , (1997),152-157	
		MICHAEL, "Making Sensors out of Disarray: Optical Sensor Microarrays", <u>Proc. SPIE</u> , vol 3270, (1998),34-41	
		MICHAEL, "Randomly Ordered Addressable High-Density Optical Sensor Arrays", <u>Analytical Chemistry</u> , vol 70(7), (1998),1242-1248	
		MIGNANI(GRAZIA), "In-Vivo Biomedical Monitoring by Fiber-Optic Systems", <u>Journal of Lightwave Technology</u> , vol 13(7), (1995),1396-1406	
		MILANOVICH, et al., "Clinical Measurements Using Fiber Optics and Optrodes", <u>Novel Optical Fiber Techniques for Medical Application</u> , SPIE, vol 494, (1984),1831	
		MUNKHOLM, et al., "A Fiber-Optic Sensor for CO2 Measurement", <u>Talanta</u> , vol 35(2), (1988),109-112	
		PANTANO, "Ordered Nanowell Arrays", <u>Chem Mater</u> , vol 8(12), (1996),2832-2835	
		PANTANO, et al., "Analytical Applications of Optical imaging Fibers", <u>Analytical Chemistry</u> , 67, (1995),481A-487A	

EXAMINER

DATE CONSIDERED

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Application Number</td> <td>10/663,935</td> </tr> <tr> <td>Filing Date</td> <td>September 16, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>El Gamal <i>et al.</i></td> </tr> <tr> <td>Art Unit</td> <td>2886</td> </tr> <tr> <td>Examiner Name</td> <td>Hoa Q. Pham</td> </tr> </table>		Application Number	10/663,935	Filing Date	September 16, 2003	First Named Inventor	El Gamal <i>et al.</i>	Art Unit	2886	Examiner Name	Hoa Q. Pham
Application Number	10/663,935														
Filing Date	September 16, 2003														
First Named Inventor	El Gamal <i>et al.</i>														
Art Unit	2886														
Examiner Name	Hoa Q. Pham														
Sheet	8	of	8	Attorney Docket No.: STFD.039PA											

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		PIUNNO, "Fiber-Optic DNA Sensor for Fluorometric Nucleic Acid Determination", <u>Analytical Chemistry</u> , 67, Vol 67. No(15) Aug. 1995.,(1995),2635-2643	
		POPE, "Fiber Optic Chemical Microsensors Employing Optically Active Silica Microspheres", <u>SPIE</u> , 2388, (1995),245-256	
		RONAGHI, M et al., "A Sequencing Method Based on Real-Time Phosphorescence", <u>Science</u> , 1998 Jul 17; 281 (5375):363-365 USE, (07/17/1998),363-365	
		SAARI, et al., "pH Sensor Based on Immobilized Fluoresceinamine", <u>Analytical Chemistry</u> , 54, Vol 54. No.4 (Apr. 1982), (1982),821-823	
		SEITZ, et al., "Chemical Sensors Based on Immobilized Indicators and Fiber Optics", <u>CRC Critical Reviews in Analytical Chemistry</u> , 19(2), (1988),135-173	
		SEITZ, "Chemical Sensors Based on Fiber Optics", <u>Analytical Chemistry</u> , 56(1), (Jan. 1984), (1984),16A-34A	
		WOLFBEIS, "Fiber Optical Fluorosensors in Analytical and Clinical Chemistry", <u>Molecular Luminescence Spectroscopy, Methods and Applications</u> (S.G. Schulman, editor), Wiley & Sons, New York, (1988),129-280	
		WOLFBEIS, et al., "Fiber-Optic Fluorosensor for Oxygen and Carbon Dioxide", <u>Analytical Chemistry</u> , 60, (1988),2028-2030	

EXAMINER

DATE CONSIDERED